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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/718,527	11/24/2003	Taro Fukaya	245820US0TTCRD	1993
22850	7590	07/09/2007	EXAMINER	
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			SERGENT, RABON A	
			ART UNIT	PAPER NUMBER
			1711	
			NOTIFICATION DATE	DELIVERY MODE
			07/09/2007	ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentdocket@oblon.com  
oblonpat@oblon.com  
jgardner@oblon.com

**Advisory Action  
Before the Filing of an Appeal Brief**

Application No.

10/718,527

Applicant(s)

FUKAYA ET AL.

Examiner

Rabon Sergent

Art Unit

1711

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 27 June 2007 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 6 months from the mailing date of the final rejection.  
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**NOTICE OF APPEAL**

2. ☒ The Notice of Appeal was filed on 27 June 2007. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

**AMENDMENTS**

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
(a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);  
(b) ☐ They raise the issue of new matter (see NOTE below);  
(c) ☒ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  
5. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.  
6. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_

Claim(s) objected to: \_\_\_\_\_

Claim(s) rejected: 1-4,6,7,9,10 and 12-22.

Claim(s) withdrawn from consideration: \_\_\_\_\_

**AFFIDAVIT OR OTHER EVIDENCE**

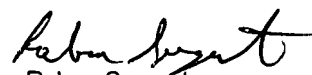
8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).  
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).  
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

**REQUEST FOR RECONSIDERATION/OTHER**

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:  
See Continuation Sheet.

12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). \_\_\_\_\_

13. ☐ Other: \_\_\_\_\_

  
Rabon Sergent  
Primary Examiner  
Art Unit: 1711

Continuation of 3.: The proposed amendment sets forth subject matter not previously claimed that would require further consideration and/or search.

Continuation of 11.: Applicants' response to the prior art rejections has been carefully considered; however, the response is insufficient to overcome the prior art rejections. With respect to the product claims, applicants have essentially argued that the prior art fails to disclose adding the decomposing agent in an extruder to a urethane resin. In response, as stated within the final Office action, applicants have failed to establish that use of the extruder yields a patentably distinct product from the products of the prior art. Applicants' remarks concerning "conventional techniques" within page 9 of the response are immaterial, because it has not been established that the techniques of the relied upon prior art correspond to the argued "conventional techniques". It appears that applicants' "conventional techniques" are set forth within page 2 of the specification; however, these techniques are not representative of the relied upon prior art. Applicants have argued that Heiss ('824) fails to disclose reaction of the decomposed substance with an epoxy or isocyanate compound. In response, Heiss teaches that the decomposed products are useful in the manufacture of polyurethanes, and the position is taken that this disclosure inherently sets forth reaction of the decomposed product with isocyanates. Applicants have argued that Yang fails to teach all limitations of claim 18; however, claim 18 has not been rejected in view of Yang. With respect to the process claims, the position is maintained that it would have been obvious to use an extruder to produce the products of the primary references. Contrary to applicants' remarks, applicants have set forth no evidence that establishes that the instant invention has a low amount of amine and high rate of recycleability relative to the relied upon prior art. As aforementioned, applicants' "conventional techniques" do not correlate to the teachings of the relied upon prior art. The 35 USC 112 rejections have been maintained in view of the non-entry of the proposed amendment. Applicants' arguments with respect to the obviousness-type double patenting rejection are not understood, since the claims of U.S. 7,141,647 clearly specify the use of an extruder.

  
**RABON SERGENT**  
**PRIMARY EXAMINER**